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(54) Zipper strip and packaging using it

(57) A zipper strip (10) for a reclosable bag or package (110 Figure 8) includes a male interlocking profile (12) and a female interlocking profile (14). The male interlocking profile (12) includes a male interlocking member (16) and a male web (20) coextruded therewith. In like manner, the female interlocking profile (14) includes a female interlocking member (18) and a female web (22). The male interlocking member (16) snappingly engages into the female interlocking member (18) to join the profiles (12, 14) to one another. One of the male and female webs (20, 22) is wider than the other in at least one of two directions extending outwards from the male and female interlocking members (16, 18), the greater width forming at least one flange (24, 26) extending widthwise beyond the other web. The zipper strip (10) is designed to be attached to thermoplastic sheet material (50) by sealing the at least one flange (24, 26) thereto without sealing the male and female webs (20, 22) to each other. Methods for securing the zipper strip (10) to thermoplastic sheet material, and for making packages on a horizontal form-fill-and-seal machine, are also disclosed.

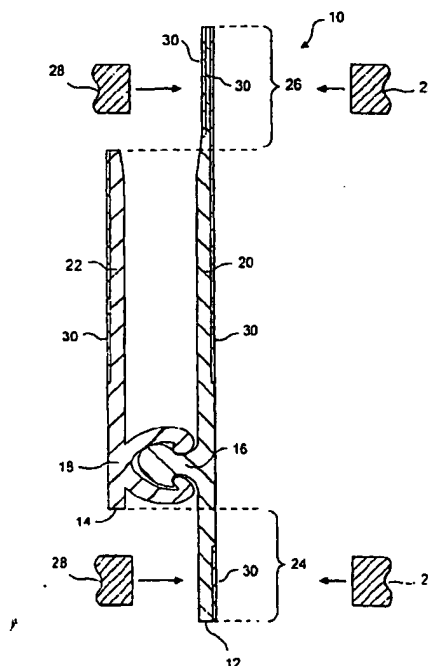


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 98 30 0178

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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A	EP 0 282 723 A (MINIGRIP EUROPE GMBH) 21 September 1988 * figure 1 *	4	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 1 June 1999	Examiner Pipping, L
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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